

REMARKS

Claims 1, 2, 10, 16 and 18 have been amended and claim 17 has been canceled. Claims 1 to 16 and 18 to 22 are now active in this application of which claims 2 to 5, 10, 12 to 14, 19, 20 and 22 have been indicated to be allowable. Please charge any costs to Deposit Account No. 20-0668.

Claims 1, 6 to 9, 11, 15 to 18 and 21 were rejected under 35 U.S.C. 102(b) as being anticipated by Jackson (U.S. 5,442,353). The rejection is respectfully traversed.

Claim 1 requires, among other features, a first quantizer providing a first quantized output responsive to a system analog input summed with an analog noise shaped feedback signal and a second quantizer providing a second quantized output responsive to the summed analog version of the first quantized output and the system analog input. No such structure is taught or even remotely suggested by Jackson either alone or in the combination as claimed.

Claim 1 further requires a digital noise shaping system responsive to the output of the second quantizer and providing the noise shaped feedback signal from the second quantized output. No such structure is taught or even remotely suggested by Jackson either alone or in the combination as claimed.

Claims 6 to 9, 11 and 15 depend from claim 1 and therefore define patentably over Jackson for at least the reasons presented above with reference to claim 1.

Claim 16 requires, among other features, a first quantizer providing a first quantized output responsive to a system analog input and a noise shaped feedback signal and a digital error feedback system coupled to the first quantizer and providing the noise shaped feedback signal responsive to the first quantized output and including a second

quantizer coupled to the first quantizer and providing a second quantized output responsive to the first quantized output, the system analog input, and the noise shaped feedback signal. No such structure is taught or even remotely suggested by Jackson either alone or in the combination as claimed.

Claim 16 further requires a digital noise shaping system coupled to the first and second quantizers and providing the noise shaped feedback signal. No such structure is taught or even remotely suggested by Jackson either alone or in the combination as claimed.

Claims 18 and 21 depend from claim 16 and therefore define patentably over Jackson for at least the reasons presented above with reference to claim 16.

Claims 2 and 10 having been rewritten in independent form and have been indicated to be allowable, should now be allowed along with claims depending therefrom.

In view of the above remarks, favorable reconsideration and allowance are respectfully requested.

Respectfully submitted,



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